



# National Science Foundation

## *Competitive Position Vacancy*

**ANNOUNCEMENT NO:** C20010254A

**OPEN:** 09/17/2001

**CLOSE:** 10/30/2001

**THIS VACANCY IS AMENDED TO EXTEND CLOSING DATE FROM 10/09/2001**

**POSITION VACANT:** Economist, GS-110-13, Social Scientist, GS-101-13, Statistician, GS-1530-13 (Science Resources Analyst)\*. Annual salary ranges from \$63,211 to \$82,180 per annum.

**THIS IS AN INTERDISCIPLINARY POSITION AND MAY BE FILLED IN ANY ONE OF THE OCCUPATIONAL FIELDS ABOVE.**

**MORE THAN ONE POSITION MAY BE FILLED FROM THIS ANNOUNCEMENT.**

**THIS POSITION IS ALSO BEING ADVERTISED AS A PERMANENT EXCEPTED SERVICE POSITION. SEE ANNOUNCEMENT E20010255A.**

**PROMOTION POTENTIAL:** Science Resources Analyst, GS-110/101/1530-14.

**LOCATION:** Directorate for Social, Behavioral, and Economic Sciences, Division of Science Resources Studies, Research and Development Statistics Program, Arlington, VA.

**BARGAINING UNIT STATUS:** This position is included in the bargaining unit and will be filled in accordance with the merit staffing provisions of the Collective Bargaining Agreement Article VII.

**AREA OF CONSIDERATION:** All Sources. This position is open to status and non-status candidates, as well as candidates eligible for appointment under special non-competitive appointing authorities.

**DUTIES AND RESPONSIBILITIES:** This position is located within the Research and Development Statistics Program (RDS) of the Division of Science Resources Studies, Directorate for Social, Behavioral, and Economic Sciences. RDS has the responsibility for conducting surveys and special studies of financial and physical resources related to the Nation's Research and Development (R&D) enterprise in the academic, government, industrial, and non-profit sectors.

The incumbent of this position plans, develops, and conducts quantitative analytical studies on national and international R&D expenditures and partnerships, and other science, engineering and technology (SET) inputs, outputs, and/or impacts. Has the specific responsibility for compiling data on, and authoring the report, National Patterns of R&D Resources. Responsible for updating and revising methodology used for synthesizing sector-specific R&D surveys (of industry, universities, and government) into single national R&D estimates. Designs and prepares projections of R&D expenditure patterns in advance of available survey data. Evaluates project proposals, and prepares methodological studies to measure and improve the accuracy and relevance of national SET survey

data. These activities may contribute to a major redesign of the collection of R&D surveys (industry, government, universities) that are used to describe national R&D activities. Prepares analytical reports or sections of analytical reports such as the Science and Engineering Indicators or similar SET overview reports and has major responsibility for U.S.-international R&D comparisons and analyses. Manages and monitors extramural grants and contracts dealing with national surveys, panel studies, and other data related to international and national SET resources, including the development of proposed requests, RFPs and program announcements. Develops a quick-response mechanism to gauge industry and/or academic perspectives on current science and technology topics and issues. Develops requisite project proposals and OMB clearance packages. Organizes and prepares data and written analyses. Develops and expands networks on information on SET inputs, outputs, and impacts of national and international SET resources. Organizes and prepares data, analyses and other written material and disseminates such information to data users. Reviews and comments on papers, proposals, reports and questionnaires dealing with the distribution and utilization of and relationships among resources for science and technology to ensure technical accuracy and consistency of data. Represents programs at meetings and conferences and represents NSF in areas of assigned responsibility.

**QUALIFICATIONS REQUIRED:** The Qualification Standards Handbook for General Schedule Positions will apply. **U.S. CITIZENSHIP IS REQUIRED.** Applicants must meet the basic qualification requirements for the occupation applying for: **Economist, GS-110:** Degree in economics that included at least 21 semester hours in economics and 3 semester hours in statistics, accounting, or calculus **OR** combination of education and experience – courses equivalent to a major in economics, plus appropriate experience or education. **Social Scientist, GS-101:** Degree in a behavioral or social science or related disciplines appropriate to the position **OR** combination of education and experience that provides the applicant with knowledge of one or more of the behavioral or social sciences equivalent to a major in the field **OR** four years of appropriate experience. **Statistician, GS-1530:** Degree that included 15 semester hours in statistics (or in mathematics and statistics, provided at least 6 semester hours were in statistics), and 9 additional semester hours in one or more of the following: physical or biological sciences, medicine, education, or engineering; or in the social sciences **OR** combination of education and appropriate experience. **In addition,** you must have one year of specialized experience equivalent to the next lower grade for which applying. Specialized experience is experience that equipped the applicant with the particular knowledge, skills, and abilities to perform successfully the duties of the position, and that is typically in or related to the work of the position. **Time-in-Grade Requirement:** Status candidates must have completed one year of service in a position no more than one grade lower than the grade for which you are applying.

#### **QUALITY RANKING FACTORS:**

- Skill in written communication techniques to systematically analyze and present data trends, identify data sources, organize policy discussions and to present quantitative findings concisely and in logical sequence.
- Knowledge of theories or methodologies in one or more of the following fields: economics, especially international economics; statistics and survey methodologies; national and international science and technology policy; or sociological or behavioral studies of relevance to the understanding of issues related to science and technology indicators.
- Skill in statistical analyses to perform data compilations, comparisons, and modeling using relevant personal computer software.

- Ability to plan, organize and conduct empirical analyses of complex social science policy issues, problems, or proposals.

**BASIS FOR RATING:** Final ranking is based on an evaluation of your experience, education and training as they relate to the knowledge, skills and abilities specified in the Quality Ranking Factors. Current performance appraisal, letter(s) of recommendation, and awards may also be used in the evaluation process.

**CONDITIONS OF EMPLOYMENT:** Appointment to the position is contingent upon successful completion of the appropriate background investigation. Satisfactory completion of a one-year probationary period may also be required.

**HOW TO APPLY:** You may apply for this position with the Optional Application for Federal Employment (OF-612), the older Application for Federal Employment (SF-171), a resume, or other application format of your choice - so long as it contains the necessary information (summarized below). You must also submit a current Performance Appraisal or letter(s) of recommendation from professionals who can comment on your capabilities. In order to ensure full consideration, it is recommended that you submit a supplemental statement, which specifically addresses how your background and experience relate to each Quality Ranking Factor listed on this announcement.

Applicants who are eligible for appointment under special non-competitive appointing authorities must clearly specify your specific eligibility and provide proof with your application. Otherwise, the application will be considered under competitive procedures.

Applicants applying for special selection priority under the Interagency Career Transition Assistance Program must submit proof of eligibility (i.e., RIF separation notice, Notification of Personnel Action (SF-50) stating you were separated by RIF, OR a letter from your agency documenting your special selection priority status); copy of your current performance appraisal; and documentation of promotion potential in the position from which separated. To be determined well qualified to receive special selection priority for this position, you must meet all qualification and eligibility requirements, all selective factors, and be rated at the above average level or higher in each quality ranking factor.

Veterans who are preference eligibles or who have been separated from the armed forces under honorable conditions after three years or more of continuous active service may apply. Veteran candidates should attach a copy of your DD-214; and, if applicable, Application for 10-Point Veteran's Preference (SF-15), along with documentation specified on the form. (This is not necessary for status candidates for consideration under merit promotion procedures).

You must specify the job announcement number, and title and grade(s) of the job for which you are applying. You should also provide the following information: ♦ Your country of citizenship. ♦ Your social security number. ♦ Information about your education, including (1) high school graduation date and (2) college/university information - your major, and type and year of degree(s). If no degree, show total credits earned and indicate whether they are semester or quarter hours. ♦ Information about all your work experience related to this job, including job titles, duties and accomplishments, employer's name and phone number, number of hours worked per week, starting and ending dates (month and year), and annual salary. If you held various positions with the same employer, describe each separately. ♦ If you have Federal civilian experience, indicate the highest grade held, the job series, and dates held. ♦ The brochure *Applying for a Federal Job* provides information on the Federal job application process; it is available by calling the number listed below. **If your application does not provide all the information requested in the vacancy announcement, you may lose consideration for this job.**

The National Science Foundation provides reasonable accommodations to applicants with disabilities on a case-by-case basis. If you need a reasonable accommodation for any part of the application and hiring process, please notify the point of contact listed on this vacancy announcement.

Submit all application material to National Science Foundation, Division of Human Resource Management, 4201 Wilson Boulevard, Room 315, Arlington, VA 22230. Attn: Announcement Number C20010254A. Applications may also be submitted electronically to [fperson@nsf.gov](mailto:fperson@nsf.gov) or via fax to 703-292-9279. In addition to the required application materials, you are asked to complete and submit the attached Applicant Survey form. Submission of this form is voluntary and will not affect your application for employment. The information is used for statistical purposes only. **ALL FORMS MUST BE RECEIVED BY THE CLOSING DATE OF THIS ANNOUNCEMENT.** For additional information call Fred Person on (703) 292-4369. Hearing impaired individuals may call TDD (703) 292-8044.

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**NATIONAL SCIENCE FOUNDATION  
APPLICANT SURVEY**

**OMB No. 3145-0096  
Expiration: August 2002**

Vacancy Ann. #: \_\_\_\_\_

Position Status (temporary/permanent): \_\_\_\_\_

Position Title/Series/Grade: \_\_\_\_\_

**INSTRUCTIONS**

Your completion of this form will be appreciated. Submission of this Information is voluntary and it will have no effect on the processing of your application. The data collected will be used only for statistical purposes to ensure that agency personnel practices meet the requirements of Federal law. Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor, and a person is not required to respond to an information collection unless it displays a valid OMB control number. The OMB control number for this collection is 3145-0096. NSF estimates that each respondent should take about 3 minutes to complete this survey, including time to read the instructions. You may have comments regarding this burden estimate or any other aspect of this survey, including suggestions for reducing this burden. If so, please send them to NSF Reports Clearance Officer, Division of Administrative Services, NSF, 4201 Wilson Blvd., Arlington, VA. 22230.

**PRIVACY ACT INFORMATION**

**GENERAL** - This information is provided pursuant to Public Law 93-579 (Privacy Act of 1974), December 31, 1974, for individuals completing Federal records and forms that solicit personal information.

**AUTHORITY** - Section 7201 of title 5 of the U.S. Code and Section 2000e-16 of title 42 of the U.S. Code.

**PURPOSE AND ROUTINE USES**

The information is used for research and for a Federal Equal Opportunity Recruitment Program (FEORP) to help insure that agency personnel practices meet the requirements of Federal law. Address questions concerning this form and its uses to the Privacy Act Officer, National Science Foundation, Arlington, VA 22230.

1. Today's Date: \_\_\_\_\_

2. Year of Birth: \_\_\_\_\_

3. How did you learn about the particular position for which you are applying? (Circle appropriate number.)

01 - Newspaper (specify)

10 - Federal, State or local job information center

02 - Contact with NSF Personnel Office

11 - State vocational rehabilitation agency or

(Agency Bulletin Board or other Announcement)

Veterans Administration

03 - NSF-initiated personal contact

12 - State employment office

04 - Science Magazine, or other professional journal or magazine

13 - School or college counselor or other official

(specify)

14 - Private job Information service

05 - Affirmative Action Register

15 - Private employment service

06 - Attendance at conference, meeting or job fair

16 - Friend or relative working at NSF

(specify)

17 - Friend or relative not working at NSF

07 - NSF recruitment at school or college

18 - NSF website

08 - Colleague referral

19 - Internet or other website

09 - NSF Bulletin

20 - Other (specify)

4. Please select the racial/ethnic category with which you most closely identify yourself. (Circle the appropriate letter)

A. **American Indian or Alaskan Native.** A person having origins in any of the original peoples of North America, who maintains cultural identification through tribal affiliation or community recognition.

B. **Asian or Pacific Islander.** A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Korea, the Philippine Islands, and Samoa.

C. **Black, not of Hispanic origin.** A person having origins in any of the Black racial groups of Africa. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origins.

D. **Hispanic.** A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.

E. **White, not of Hispanic origin.** A person having origins in any of the original peoples of Europe, North Africa or the Middle East. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origin.

5. Sex (Circle the appropriate letter.) F - Female M - Male

6. Please provide Information on your disability status by circling the appropriate category below:

1. I do not have a disability; 2. Hearing impairment; 3. Vision impairment; 4. Missing extremities; 5. Partial paralysis; 6. Complete paralysis; 7.

Convulsive disorder; 8. Mental retardation; 9. Mental or emotional illness; 10. Severe distortion of limbs and/or spine; 11. I have a disability but it is not listed.

**FOR AGENCY USE**

Agency Code: \_\_\_\_\_

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